

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Currently Amended) A printer for printing a second ~~interface onto a second surface, interactive sheet~~ in response to first indicating data received from a sensing device, the first indicating data being ~~sensed-generated~~ by the sensing device ~~from-using~~ first coded data, ~~a first interface disposed on a first surface including the first coded data interactive sheet~~, the printer including:
  - (a) an input module configured to:
    - (i) receive, from the sensing device, the first indicating data, the first indicating data being at least partially indicative of response data;
    - (ii) generate second indicating data based on the first indicating data, the second indicating data being at least partially indicative of the response data;
    - (iii) send the second indicating data to a computer system; and
  - (b) a printing module, including a printing mechanism, configured to:
    - (i) receive the response data from the computer system;
    - (ii) generate ~~the second interactive image for the second interactive sheet,~~ based at least partially on the response data; and
    - (iii) print the second ~~interface interactive sheet onto the second surface using the~~ printing mechanism.
2. (Currently Amended) A printer according to claim 1, ~~wherein the second interactive sheet comprises~~ including second coded data ~~and~~, ~~wherein the printing module includes a coded data generator configured to generate the second coded data based on at least part of the response data.~~
3. (Currently Amended) A printer according to claim 2, ~~the response data including second region identity data indicative of at least one identity, the identity being associated with a region of the second interface, the coded data generator being configured to generate~~

~~the second coded data based on the second region identity data wherein the second coded data is indicative of an identity of the second interactive sheet and of a plurality of locations on the second interactive sheet, the second coded data being indicative of the identity.~~

4. – 8. (Cancelled).

9. (Currently Amended) A printer according to claim 1, wherein the first indicating data includes location data sensed by the sensing device from the first coded data ~~coded data is indicative of an identity of the first interactive sheet and of a plurality of locations on the first interactive sheet.~~

10. (Currently Amended) A printer according to claim 1, wherein the first indicating data includes first region identity data sensed by the sensing device from the first coded data, the first region identity data being indicative of an identity associated with a region of the first interface, the region being at least partially indicative of the response data ~~comprises data regarding an identity of the first interactive sheet and data regarding a position of the sensing device relative to the first interactive sheet.~~

11. – 44. (Cancelled).

45. (Currently Amended) A printer according to claim 441, wherein the ~~tags are coded data is not substantially invisible to an average unaided human eye under daylight or ambient lighting conditions.~~

46. (Currently Amended) A printer according to claim 441, wherein the ~~tags coded data is are slightly visible to an average unaided human eye under daylight or ambient lighting conditions.~~

47. (Currently Amended) A printer according to claim 381, wherein the ~~tags are coded data is visible to an average unaided human eye under daylight or ambient lighting~~

conditions.

48. – 49. (Cancelled).

50. (Currently Amended) A printer according to claim 491, wherein the printer is an inkjet printer.

51. (Currently Amended) A printer according to claim 501, wherein the tags are coded data is printed using ink that is absorbent or reflective in the ultraviolet spectrum or the infrared spectrum.

52. (Currently Amended) A printer according to claim 541, wherein the printer includes a separate ink channel for printing the tags coded data.

53. (Currently Amended) A printer according to claim 50, wherein the printer is configured to print the second coded data and additional information substantially simultaneously, onto the second surface.

54. (Original) A printer according to claim 53, wherein the additional information is printed onto the second surface using colored or monochrome inks.

55. (Original) A printer according to claim 54, wherein the additional information is printed onto the second surface using one of the following combinations of colored inks:

CMY;

CMYK;

CMYRGB; and

spot color.

56. – 60. (Cancelled).

6361. (Currently Amended) A printer according to claim 621, further including a binding mechanism for binding the pages into a bound document.

6462. (Cancelled).

6563. (Currently Amended) A printer according to ~~any one of claims~~claim 1 to 3 or 5 to 11, wherein the printing mechanism includes an inkjet printhead for printing ~~ink onto the second surface~~the second interactive sheet.

6664. (Currently Amended) A printer according to claim 6563, wherein the printhead is a drop on demand inkjet printhead.

6765. (Currently Amended) A printer according to claim 6664, wherein the printhead is a pagewidth printhead.

6866. (Currently Amended) A printer according to claim 6765, wherein the printhead is configured to deliver a plurality of ink colors onto the second surfaceinteractive sheet with one printing pass.

6967. (Currently Amended) A printer according to claim 6765, wherein the printhead includes electro-thermal bend actuators to eject the ink onto the surface.

7068. (Currently Amended) A printer according to ~~any one of claims~~69 to claim 63, wherein the printer includes two sets of printheads, configured to print opposite surfaces of a pagepage substantially simultaneously.

7169. (Currently Amended) A printer according to claim 6963, including a forced filtered

air delivery mechanism for keeping nozzles of the printhead relatively free of paper dust.

7270. - 7371. (Cancelled).

7472. (Currently Amended) A printer according to claim 1, wherein the first indicating data includes user identity data, the user identity data being indicative of user data.

7573. (Currently Amended) A printer according to claim 7472, wherein the user identity data is supplied from storage means associated with the sensing device.

7674. (Cancelled).

7775. (Currently Amended) A system including:

a printer according to ~~any one of claims 1 to 3, 5 to 11, 15 or 16~~ claim 1; and

a sensing device for sensing the first indicating data and transmitting it to the printer.

7876. (Currently Amended) A system according to claim 7775, wherein the sensing device includes a radio transmitter for transmitting the indicating data to the printer, and the printer includes a radio receiver for receiving the indicating data.

7977. (Currently Amended) A system according to claim 7775, wherein the sensing device includes an optical sensor for sensing the first coded data.

7978. (Currently Amended) A system including:

a printer according to ~~any one of claims 1 to 3, 5 to 11, 15 or 16~~ claim 1; and

a first interface surface disposed on a first surface ~~interactive sheet~~, the first interface surface including comprising first coded data to be sensed ~~for sensing~~ by a sensing device, thereby to generate first indicating data for transmission from the sensing device to the printer. ~~the first~~

coded data being indicative of an identity of the first interactive sheet and of a plurality of locations on the interactive sheet.

8079. (Currently Amended) An interface surface sheet produced by a the printer according to any one of claims 1 to 3, 5 to 11, 15 or 16claim 1.

**REMARKS/ARGUMENTS**

The Applicant thanks the Examiner for the Office Action dated August 6, 2004.

**AMENDMENTS**

The claims have been renumbered in consecutive order.

Claim 1 has been amended to specify "printing a second interactive sheet", which simplifies the previous claim language of "printing a second interface onto a second surface".

Claim 1 has also been amended to specify that the indicating data is generated by the sensing device.

Claims 3, 9, 10 have been amended to clarify the nature of the coded data and the first indicating data.

Claims 4-8, 11-44, 48, 49, 56-60, 70, 71, 74 are hereby cancelled.

It is submitted that no new matter has been added by way of these amendments.

**DOUBLE PATENTING**

A terminal disclaimer is filed herewith, which disclaims the term of any patent granted from the present application extending beyond the term of US Patent No. 6,727,996.

It is respectfully submitted that all of the Examiner's objections have been successfully traversed. Accordingly, it is submitted that the application is now in condition for allowance. Reconsideration and allowance of the application is courteously solicited.

Very respectfully,

Applicants:

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